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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L1	MONOOXYGENASE WITH BURKHOLDERIA	13

END OF SEARCH HISTORY

## Hit List

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**Search Results - Record(s) 1 through 10 of 13 returned.**

☐ 1. Document ID: US 20040073966 A1

Using default format because multiple data bases are involved.

L1: Entry 1 of 13

File: PGPB

Apr 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040073966

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040073966 A1

TITLE: Herbicide-tolerant plants through bypassing metabolic pathway

PUBLICATION-DATE: April 15, 2004

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY	RULE-47
Zink, Olivier	Clermont-Ferrand		FR	
Paget, Eric	Caluire		FR	
Rolland, Anne	Lyon		FR	
Sailland, Alain	Saint-Didier-Au-Mont-D'or		FR	
Freyssinet, Georges	Saint-Cyr-Au-Mont-D'or		FR	

US-CL-CURRENT: 800/278; 435/189, 504/116.1, 530/370

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	Index	Drawings
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☐ 2. Document ID: US 20030215859 A1

L1: Entry 2 of 13

File: PGPB

Nov 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030215859

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030215859 A1

TITLE: DNA shuffling of monooxygenase genes for production of industrial chemicals

PUBLICATION-DATE: November 20, 2003

**INVENTOR-INFORMATION:**

NAME	CITY	STATE	COUNTRY	RULE-47
Affholter, Joseph A.	Zephyr Cove	NV	US	
Davis, S. Christopher	San Francisco	CA	US	

h e b b g e e e f e ef b e

Selifonov, Sergey A. Plymouth MN US

US-CL-CURRENT: 435/6; 435/189, 435/320.1, 435/325, 435/7.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw De
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☐ 3. Document ID: US 20030170877 A1

L1: Entry 3 of 13

File: PGPB

Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030170877  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030170877 A1

TITLE: DNA fragment carrying toluene monooxygenase, gene, recombinant plasmid, transformed microorganism, method for degrading chlorinated aliphatic hydrocarbon compounds and aromatic compounds, and method for environmental remediation

PUBLICATION-DATE: September 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Yano, Tetsuya	Kanagawa-ken		JP	
Nomoto, Tsuyoshi	Tokyo		JP	
Imamura, Takeshi	Tokyo		JP	

US-CL-CURRENT: 435/262.5; 435/189, 435/252.3, 435/320.1, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw De
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☐ 4. Document ID: US 20030077768 A1

L1: Entry 4 of 13

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030077768  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030077768 A1

TITLE: Use of xylene monooxygenase for the oxidation of substituted polycyclic aromatic compounds

PUBLICATION-DATE: April 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bramucci, Michael G.	Folsom	PA	US	
Nagarajan, Vasantha	Wilmington	DE	US	
Thomas, Stuart M.	Wilmington	DE	US	

US-CL-CURRENT: 435/136

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw	De
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☐ 5. Document ID: US 20030073206 A1

L1: Entry 5 of 13

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030073206  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030073206 A1

TITLE: Use of xylene monooxygenase for the oxidation of substituted monocyclic aromatic compounds

PUBLICATION-DATE: April 17, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bramucci, Michael G.	Folsom	PA	US	
Nagarajan, Vasantha	Wilmington	DE	US	
Thomas, Stuart M.	Wilmington	DE	US	

US-CL-CURRENT: 435/137; 435/155

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw	De
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☐ 6. Document ID: US 20020168738 A1

L1: Entry 6 of 13

File: PGPB

Nov 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020168738  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020168738 A1

TITLE: DNA FRAGMENT CARRYING TOLUENE MONOOXYGENASE GENE, RECOMBINANT PLASMID, TRANSFORMED MICROORGANISM, METHOD FOR DEGRADING CHLORINATED ALIPHATIC HYDROCARBON COMPOUNDS AND AROMATIC COMPOUNDS, AND METHOD FOR ENVIRONMENTAL REMEDIATION

PUBLICATION-DATE: November 14, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
YANO, TETSUYA	ATSUGI-SHI		JP	
NOMOTO, TSUYOSHITAKESHI	TOKYO		JP	
IMAMURA, TAKESHI	CHIGASAKI-SHI		JP	

US-CL-CURRENT: 435/189; 435/320.1, 536/23.2, 588/248, 800/21, 800/9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw	De
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☐ 7. Document ID: US 6626122 B2

L1: Entry 7 of 13

File: USPT

Sep 30, 2003

US-PAT-NO: 6626122

DOCUMENT-IDENTIFIER: US 6626122 B2

TITLE: Deactivatable biocides in ballast water

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Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw De
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☐ 8. Document ID: US 6605430 B1

L1: Entry 8 of 13

File: USPT

Aug 12, 2003

US-PAT-NO: 6605430

DOCUMENT-IDENTIFIER: US 6605430 B1

TITLE: DNA shuffling of monooxygenase genes for production of industrial chemicals

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Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw De
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☐ 9. Document ID: US 6586229 B1

L1: Entry 9 of 13

File: USPT

Jul 1, 2003

US-PAT-NO: 6586229

DOCUMENT-IDENTIFIER: US 6586229 B1

TITLE: Method for the production of .rho.-Hydroxybenzoate in species of pseudomonas and agrobacterium

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Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw De
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☐ 10. Document ID: US 6569909 B1

L1: Entry 10 of 13

File: USPT

May 27, 2003

US-PAT-NO: 6569909

DOCUMENT-IDENTIFIER: US 6569909 B1

TITLE: Inhibition of biological degradation in fischer-tropsch products

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Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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## Hit List

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[Generate OACS](#)

Search Results - Record(s) 11 through 13 of 13 returned.

☐ 11. Document ID: US 6472191 B1

Using default format because multiple data bases are involved.

L1: Entry 11 of 13

File: USPT

Oct 29, 2002

US-PAT-NO: 6472191

DOCUMENT-IDENTIFIER: US 6472191 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: DNA FRAGMENT CARRYING TOLUENE MONOOXYGENASE GENE, RECOMBINANT PLASMID, TRANSFORMED MICROORGANISM, METHOD FOR DEGRADING CHLORINATED ALIPHATIC HYDROCARBON COMPOUNDS AND AROMATIC COMPOUNDS, AND METHOD FOR ENVIRONMENTAL REMEDIATION

DATE-ISSUED: October 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yano; Tetsuya	Atsugi			JP
Nomoto; Tsuyoshi	Komae			JP
Imamura; Takeshi	Chigasaki			JP

US-CL-CURRENT: 435/189; 435/252.3, 435/262.5, 435/320.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWOC	Draw De
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	---------

☐ 12. Document ID: US 5874291 A

L1: Entry 12 of 13

File: USPT

Feb 23, 1999

US-PAT-NO: 5874291

DOCUMENT-IDENTIFIER: US 5874291 A

TITLE: Degradation of environmental toxins by a filamentous bacterium

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWOC	Draw De
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	---------

☐ 13. Document ID: EP 999274 A2

L1: Entry 13 of 13

File: EPAB

May 10, 2000

PUB-NO: EP000999274A2

h e b b cg b cc e

DOCUMENT-IDENTIFIER: EP 999274 A2

TITLE: DNA fragment carrying toluene monooxygenase gene, recombinant plasmid, transformed microorganism, method for degrading chlorinated aliphatic hydrocarbon compounds and aromatic compounds, and method for environmental remediation

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	PMC	Draw De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
MONOOXYGENASE WITH BURKHOLDERIA	13

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and searchable  
NEWS 4 JAN 27 A new search aid, the Company Name Thesaurus, available in  
CA/CAPLUS  
NEWS 5 FEB 05 German (DE) application and patent publication number format  
changes  
NEWS 6 MAR 03 MEDLINE and LMEDELINE reloaded  
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded  
NEWS 8 MAR 03 FRANCEPAT now available on STN  
NEWS 9 MAR 29 Pharmaceutical Substances (PS) now available on STN  
NEWS 10 MAR 29 WPIFV now available on STN  
NEWS 11 MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA  
NEWS 12 APR 26 PROMT: New display field available  
NEWS 13 APR 26 IFIPAT/IFIUDB/IFICDB: New super search and display field  
available  
NEWS 14 APR 26 LITALERT now available on STN  
NEWS 15 APR 27 NLDB: New search and display fields available  
NEWS 16 May 10 PROUSDDR now available on STN  
NEWS 17 May 19 PROUSDDR: One FREE connect hour, per account, in both May  
and June 2004  
NEWS 18 May 12 EXTEND option available in structure searching  
NEWS 19 May 12 Polymer links for the POLYLINK command completed in REGISTRY  
  
NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004  
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=> S MONOOXYGENASE (5A) BURKHOLDERIA  
L1 183 MONOOXYGENASE (5A) BURKHOLDERIA

=> S L1 (10A) (SEQUENCE OR GENE)  
6 FILES SEARCHED...  
10 FILES SEARCHED...  
L2 37 L1 (10A) (SEQUENCE OR GENE)

=> DUP REM L2  
PROCESSING COMPLETED FOR L2  
L3 16 DUP REM L2 (21 DUPLICATES REMOVED)

=> D 1-10

L3 ANSWER 1 OF 16 MEDLINE on STN DUPLICATE 1  
AN 2004157331 IN-PROCESS  
DN PubMed ID: 15049922  
TI Metabolic pathway engineering to enhance aerobic degradation of  
chlorinated ethenes and to reduce their toxicity by cloning a novel  
glutathione S-transferase, an evolved toluene o-monooxygenase, and  
gamma-glutamylcysteine synthetase.  
AU Rui Lingyun; Kwon Young Man; Reardon Kenneth F; Wood Thomas K  
CS Department of Chemical Engineering, University of Connecticut, Storrs, CT  
06269-3222, USA.  
SO Environmental microbiology, (2004 May) 6 (5) 491-500.  
Journal code: 100883692. ISSN: 1462-2912.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS IN-PROCESS; NONINDEXED; Priority Journals  
ED Entered STN: 20040331  
Last Updated on STN: 20040424

L3 ANSWER 2 OF 16 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2002:608754 BIOSIS  
DN PREV200200608754  
TI Use of molecular methods for tracking a genetically engineered  
microorganism for in situ bioremediation of organic solvent contaminants.  
AU Nasso, N. E. [Reprint author]; Reardon, K. F. [Reprint author]; Wood, T.  
K.; Duteau, N. M. [Reprint author]  
CS Colorado State University, Fort Collins, CO, USA  
SO Abstracts of the General Meeting of the American Society for Microbiology,  
(2002) vol. 102, pp. 400-401. print.  
Meeting Info.: 102nd General Meeting of the American Society for  
Microbiology. Salt Lake City, UT, USA. May 19-23, 2002. American Society  
for Microbiology.  
ISSN: 1060-2011.

DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 27 Nov 2002  
Last Updated on STN: 27 Nov 2002

L3 ANSWER 3 OF 16 HCAPLUS COPYRIGHT 2004 ACS on STN  
AN 2001:761158 HCAPLUS  
DN 136:320078  
TI Genetic and functional analysis of the tbc operons for catabolism of  
alkyl- and chloroaromatic compounds in Burkholderia sp. strain JS150  
AU Kahng, Hyung-Yeel; Malinverni, Juliana C.; Majko, Michelle M.; Kukor,  
Jerome J.  
CS Biotechnology Center for Agriculture and the Environment, Rutgers  
University, New Brunswick, NJ, 08901-8520, USA  
SO Applied and Environmental Microbiology (2001), 67(10), 4805-4816  
CODEN: AEMIDF; ISSN: 0099-2240  
PB American Society for Microbiology  
DT Journal  
LA English  
RE.CNT 68 THERE ARE 68 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 16 MEDLINE on STN DUPLICATE 2  
AN 2001347158 MEDLINE  
DN PubMed ID: 11410285  
TI Purification and catalytic properties of the chlorophenol 4-monooxygenase  
from Burkholderia cepacia strain AC1100.  
AU Martin-Le Garrec G; Artaud I; Capeillere-Blandin C  
CS Laboratoire de Chimie et Biochimie Pharmacologiques et Toxicologiques,  
CNRS UMR 8601, Universite Rene Descartes, Paris V, 45 rue des Saints  
Peres, 75270 Cedex 06, Paris, France.  
SO Biochimica et biophysica acta, (2001 Jun 11) 1547 (2) 288-301.  
Journal code: 0217513. ISSN: 0006-3002.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200108  
ED Entered STN: 20010806  
Last Updated on STN: 20010806  
Entered Medline: 20010802

L3 ANSWER 5 OF 16 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V. on  
STN DUPLICATE  
AN 2001135630 ES BIOBASE  
TI Purification and catalytic properties of the chlorophenol 4-monooxygenase  
from Burkholderia cepacia strain AC1100  
AU Martin-Le Garrec G.; Artaud I.; Capeillere-Blandin C.  
CS C. Capeillere-Blandin, Laboratoire de Chimie, CNRS UMR 8601, Universite  
Rene Descartes, 45 rue des Saints Peres, 75270 Paris Cedex 06, France.  
E-mail: chantal.blandin@biomedicale.univ-paris5.fr  
SO Biochimica et Biophysica Acta - Protein Structure and Molecular  
Enzymology, (11 JUN 2001), 1547/2 (288-301), 32 reference(s)  
CODEN: BBAEDZ ISSN: 0167-4838  
PUI S0167483801001972  
DT Journal; Article  
CY Netherlands  
LA English  
SL English

L3 ANSWER 6 OF 16 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
AN 2001-08618 BIOTECHDS  
TI Purification and catalytic properties of the chlorophenol-4-monooxygenase  
from Burkholderia cepacia strain AC1100;  
involving flavin-monooxygenase  
AU Artaud I; Capeillere-Blandin C; Martin-La Garrec G  
CS CNRS  
LO Laboratoire de Chimie et Biochimie Pharmacologiques et Toxicologiques,  
CNRS UMR 8601, Universite Rene Descartes, Paris V, 45 rue des Saints  
Peres, 75270 Paris Cedex 06, France.  
Email: chantal.blandin@biomedicale.univ-paris5.fr  
SO Biochim.Biophys.Acta Protein Struct.Mol.Enzymol.; (2001) 1547, 2, 288-301  
CODEN: 1901H  
DT Journal  
LA English

L3 ANSWER 7 OF 16 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
 AN 2000-09780 BIOTECHDS  
 TI Novel DNA fragment encoding a toluene-monooxygenase, useful for degrading  
 a chlorinated aliphatic hydrocarbon compound, or an aromatic compound,  
 e.g. in environment remediation;  
 production of a recombinant DNA using a toluene- \*\*\*monooxygenase\*\*\*  
 \*\*\*gene\*\*\* from \*\*\*Burkholderia\*\*\* cepacia strain KK01  
 AU Yano T; Nomoto T; Imamura T  
 PA Canon  
 LO Tokyo, Japan.  
 PI EP 999274 10 May 2000  
 AI EP 1999-121681 2 Nov 1999  
 PRAI JP 1998-310801 30 Oct 1998  
 DT Patent  
 LA Japanese  
 OS WPI: 2000-306010 [27]

L3 ANSWER 8 OF 16 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN DUPLICATE 5  
 AN 2001:121633 SCISEARCH  
 GA The Genuine Article (R) Number: 397CJ  
 TI The catechol 2,3-dioxygenase \*\*\*gene\*\*\* and toluene  
 \*\*\*monooxygenase\*\*\* \*\*\*genes\*\*\* from \*\*\*Burkholderia\*\*\* sp AA1,  
 an isolate capable of degrading aliphatic hydrocarbons and toluene  
 AU Ma Y; Herson D S (Reprint)  
 CS Univ Delaware, Dept Biol Sci, Newark, DE 19716 USA (Reprint)  
 CYA USA  
 SO JOURNAL OF INDUSTRIAL MICROBIOLOGY & BIOTECHNOLOGY, (SEP 2000) Vol. 25,  
 No. 3, pp. 127-131.  
 Publisher: NATURE AMERICA INC, 345 PARK AVE SOUTH, NEW YORK, NY 10010-1707  
 USA.  
 ISSN: 1367-5435.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 33  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 9 OF 16 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
 AN 2001-02444 BIOTECHDS  
 TI The catechol-2,3-dioxygenase \*\*\*gene\*\*\* and toluene-  
 \*\*\*monooxygenase\*\*\* \*\*\*genes\*\*\* from \*\*\*Burkholderia\*\*\* sp.  
 AA1, an isolate capable of degrading aliphatic hydrocarbons and toluene;  
 cat B gene and tbhABCDEFGF gene cluster sequence analysis and  
 recombinant expression in Escherichia coli; potential interest for  
 bioremediation  
 AU Ma Y; \*Herson D S  
 CS Univ.Delaware  
 LO Department of Biological Sciences, University of Delaware, Newark, DE  
 19716, USA.  
 SO J.Ind.Microbiol.Biotechnol.; (2000) 25, 3, 127-31  
 CODEN: JIMIE7 ISSN: 1367-5435  
 DT Journal  
 LA English

L3 ANSWER 10 OF 16 HCAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1998:371225 HCAPLUS  
 DN 129:104904  
 TI Genes for 2,4,5-trichlorophenoxyacetic acid metabolism in Burkholderia  
 cepacia AC1100: characterization of the tftC and tftD genes and locations  
 of the tft operons on multiple replicons  
 AU Hubner, Anette; Danganan, Clyde E.; Xun, Luying; Chakrabarty, A. M.;  
 Hendrickson, William  
 CS Department of Microbiology and Immunology, College of Medicine, University  
 of Illinois at Chicago, Chicago, IL, 60612, USA  
 SO Applied and Environmental Microbiology (1998), 64(6), 2086-2093  
 CODEN: AEMIDF; ISSN: 0099-2240  
 PB American Society for Microbiology  
 DT Journal  
 LA English  
 RE.CNT 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> D 11-16

AN 1998096793 MEDLINE  
DN PubMed ID: 9435067  
TI Rhizoremediation of trichloroethylene by a recombinant, root-colonizing  
Pseudomonas fluorescens strain expressing toluene ortho-monooxygenase  
constitutively.  
AU Yee D C; Maynard J A; Wood T K  
CS Department of Chemical and Biochemical Engineering, University of  
California, Irvine 92697-2575, USA.  
SO Applied and environmental microbiology, (1998 Jan) 64 (1) 112-8.  
Journal code: 7605801. ISSN: 0099-2240.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals; Space Life Sciences  
EM 199803  
ED Entered STN: 19980319  
Last Updated on STN: 19990129  
Entered Medline: 19980310

L3 ANSWER 12 OF 16 HCAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:295626 HCAPLUS  
DN 129:13097  
TI Characterization of the toluene-3-monooxygenase and catechol  
2,3-dioxygenase genes from Burkholderia cepacia AA1  
AU Ma, Yunging  
CS Univ. of Delaware, Newark, DE, USA  
SO (1997) 151 pp. Avail.: UMI, Order No. DA9819157  
From: Diss. Abstr. Int., B 1998, 58(12), 6378  
DT Dissertation  
LA English

L3 ANSWER 13 OF 16 HCAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:660354 HCAPLUS  
DN 127:328765  
TI Multiple pathways for toluene degradation in Burkholderia sp. strain JS150  
AU Johnson, Glenn R.; Olsen, Ronald H.  
CS Department of Microbiology and Immunology, University of Michigan Medical  
School, Ann Arbor, MI, 48109-0620, USA  
SO Applied and Environmental Microbiology (1997), 63(10), 4047-4052  
CODEN: AEMIDF; ISSN: 0099-2240  
PB American Society for Microbiology  
DT Journal  
LA English

L3 ANSWER 14 OF 16 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
AN 1997-11513 BIOTECHDS  
TI Cross-regulation of toluene-monooxygenases by the transcriptional  
activators TbmR and TbuT;  
toluene degradation by Burkholderia pickettii and Burkholderia sp.  
AU Leahy J G; Johnson G R; \*Olsen R H  
CS Univ. Michigan  
LO Department of Microbiology and Immunology, University of Michigan Medical  
School, Ann Arbor, MI 48109-0620, USA.  
Email: ronolsen@umich.edu  
SO Appl. Environ. Microbiol.; (1997) 63, 9, 3736-39  
CODEN: AEMIDF ISSN: 0099-2240  
DT Journal  
LA English

L3 ANSWER 15 OF 16 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
AN 1998-01784 BIOTECHDS  
TI Evidence for the evolution of a single component phenol/cresol-  
hydroxylase from a multicomponent toluene-monooxygenase;  
Burkholderia pickettii phenol-hydroxylase gene cloning and  
characterization for application to petroleum hydrocarbon degradation  
e.g. phenol degradation  
AU Olsen R H; Kukor J J; Byrne A M; Johnson G R  
CS Univ. Michigan  
LO Department of Microbiology and Immunology, 5608 Medical Science Bldg II,  
University of Michigan Medical School, Ann Arbor, MI 48109-0231, USA.  
SO J. Ind. Microbiol. Biotechnol.; (1997) 19, 5-6, 360-68  
CODEN: JIMIE7 ISSN: 1367-5435  
DT Journal  
LA English

L3 ANSWER 16 OF 16 HCAPLUS COPYRIGHT 2004 ACS on STN

AN 1996:661237 HCAPLUS  
DN 126:27433  
TI Cascade regulation of the toluene-3-monooxygenase operon (tbuA1UBVA2C) of  
Burkholderia pickettii PK01: role of the tbuA1 promoter (PtbuA1) in the  
expression of its cognate activator, TbuT  
AU Byrne, Armando M.; Olsen, Ronald H.  
CS Department Microbiology and Immunology, University Michigan Medical  
School, Ann Arbor, MI, 48109-0620, USA  
SO Journal of Bacteriology (1996), 178(21), 6327-6337  
CODEN: JOBAAY; ISSN: 0021-9193  
PB American Society for Microbiology  
DT Journal  
LA English

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NTIS, ESBIODASE, BIOTECHNO, WPIDS' ENTERED AT 18:19:55 ON 13 MAY 2004

L1 183 S MONOOXYGENASE (5A) BURKHOLDERIA  
L2 37 S L1 (10A) (SEQUENCE OR GENE)  
L3 16 DUP REM L2 (21 DUPLICATES REMOVED)

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